

vector (see Fig. 1).

*Cont*  
Description of the Preferred Embodiment *Am 2*

Page 4, lines 6-16, please delete these lines in their entirety.

**IN THE CLAIMS**

Please amend the claims in accordance with the marked-up copy and the clean copy attached hereto. Claims 2-6 have been amended and use claim 8 has been cancelled.

**REMARKS**

The above amendments were made to place the application into proper United States Patent Format.

Respectfully Submitted,



Bruce S. Londa  
Attorney for Applicant  
Norris, McLaughlin & Marcus P.A.  
220 East 42<sup>nd</sup> Street, 30<sup>th</sup> Floor  
New York, N.Y. 10017  
Telephone: (212)808-0700  
Telecopier: (212)808-0844

## Claims

1.

Method for the optimization of the production of Ad vector ~~characterized by the comprising~~  
~~the steps of transferring of the gene or the cDNA of p21 into a production cell line for Ad~~  
vector, and ~~expressing the gene or cDNA therein,~~ irrespective of the endogenous state of  
the cell cycle regulator p21 in ~~these the~~ cell lines.

2.

~~The Method of claim 1 characterized by comprising utilizing a constitutive promoter for the~~  
generation of stably transfected cell lines ~~utilizing a constitutive promoter.~~

3.

~~The Method of claim 1 characterized by comprising utilizing a regulatable promoter for the~~  
generation of stably transfected cell lines ~~utilizing a regulatable promoter.~~

4.

~~The Method of claim 1 characterized by comprising utilizing a constitutive promoter for the~~  
generation of transiently transfected cell lines ~~utilizing a constitutive promoter.~~

5.

~~The Method of claim 1 characterized by comprising utilizing a regulatable promoter for the~~  
generation of transiently transfected cell lines ~~utilizing a regulatable promoter.~~

6.

~~The Method of claim 1 to 5 where~~ wherein the transfer of the gene or the cDNA of p21 is  
carried out using known transfer techniques either as naked DNA or employing viral or  
nonviral vectors.

7.

The ~~M~~method of claim 1 where ~~where~~wherein the method is independent of the production cell line used.

8.

Use of the gene or the cDNA of the cell cycle regulator p21 in production cell lines for the production of adenoviral vector systems.